Reviewer’s report:

Title: Functionality of Hospital Information Systems: Results from a Survey of Quality Directors at Turkish Hospitals

Version: 0 Date: 01 Jun 2017

Reviewer: Guilherme Del Fiol

Reviewer's report:

The authors present the results of a national survey assessing the adoption and perceived value of various HIT functionalities by hospitals in Turkey. The study was well-designed and the sample of returned surveys was representative of the Turkey hospitals. Although the study is specific to Turkey, the comparisons of the results with those from other countries are interesting and add to the knowledge of HIT adoption worldwide. Also, although the survey instrument was adapted and expanded to reflect characteristics of the Turkish health system, it could still be adopted for use in other countries.

1) Page 5, line 113 - “and their perceived effects on quality and patient safety.” I am not sure "perceived effects" reflects accurately what was measured. An HIT features may be important for quality and safety without necessarily producing a direct effect. Consider "perceived value" or "perceived importance" as the survey implies that this is what was measured.

2) Page 8, line 172 - the definition of decision support systems is too narrow. Consider adopting a broader definition, such as the one by Osheroff et al. (https://academic.oup.com/jamia/article/14/2/141/862323/).

3) Pages 8 and 9 - items 5, 7, and 8 have claims that need supporting references.

4) The first paragraph of the discussion section is merely summarizing what was done. I recommend revising to provide a summary of the key findings/take home messages, the main strengths of the study, and the main implications of the study findings (the "So what?" question).

5) The manuscript is generally very well-written, but there are several minor grammar errors throughout the manuscript. A few of these issues are listed below, but I would ask the authors to perform a thorough copy-edit.

   - Page 3, line 60 - this sentence has several issues. Consider the following alternative: "Both reports suggest making effective use of information technologies as one of six necessary strategies for the redesign of healthcare systems…"

   - Page 3, line 62 - consider the following alternative: "… and providers must have access to timely and accurate information…"
- Page 9, line 181 - consider "...and monitoring patient education provided by hospital staff."
- Page 13, line 265: this sentence has a few issues, consider the alternative: "We investigated which HIS features and functions are available and perceived to contribute to healthcare quality and safety by quality directors at Turkish hospitals"

**Are the methods appropriate and well described?**  
If not, please specify what is required in your comments to the authors.

Yes

**Does the work include the necessary controls?**  
If not, please specify which controls are required in your comments to the authors.

Yes

**Are the conclusions drawn adequately supported by the data shown?**  
If not, please explain in your comments to the authors.

Yes

**Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?**  
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics

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Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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